Figure 1A

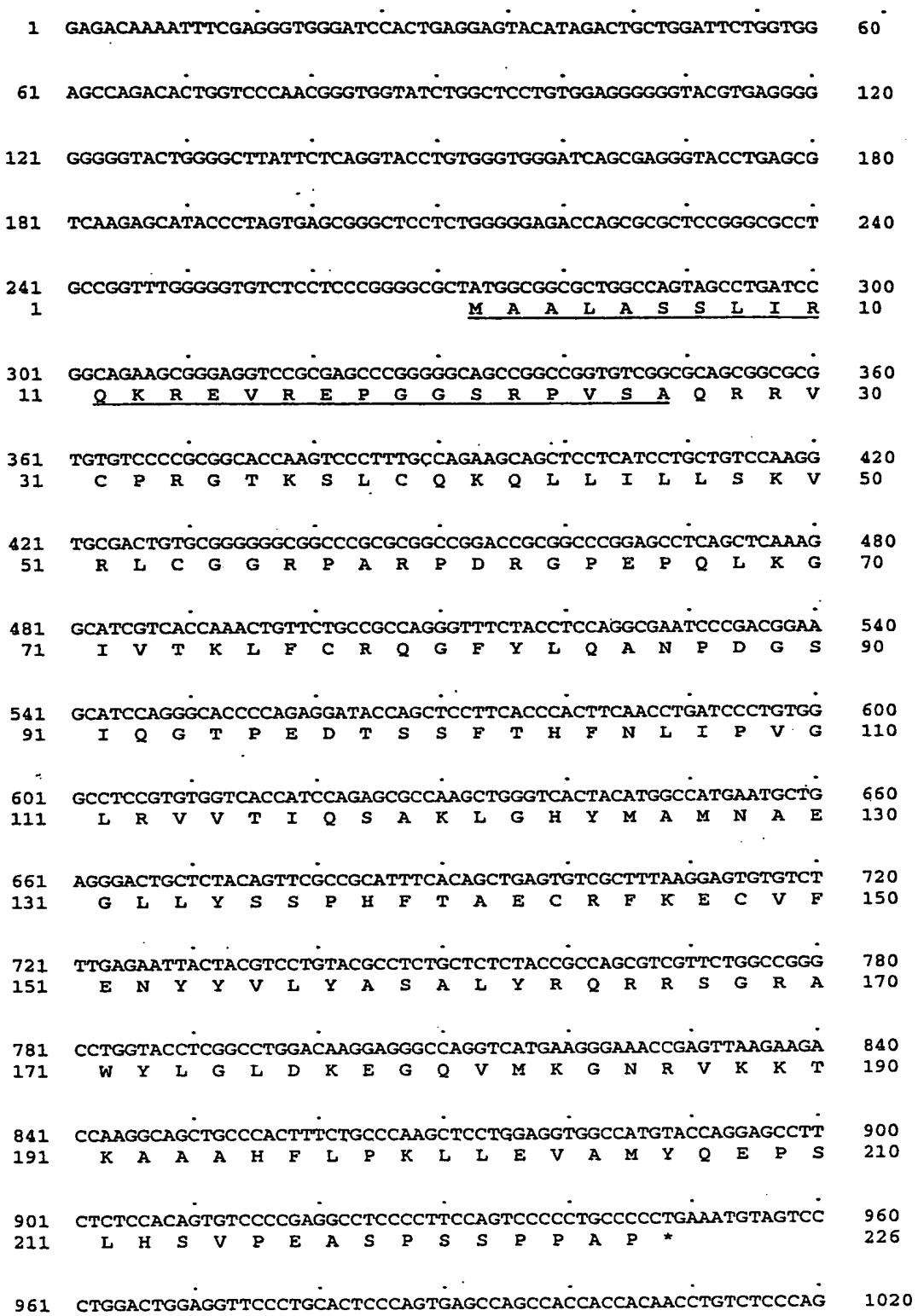

1 GAGACAAAATTTCGAGGGTGGGATCCACTGAGGAGTACATAGACTGCTGGATTCTGGTGG 60
61 AGCCAGACACTGGTCCCAACGGGTGGTATCTGGCTCCTGTGGAGGGGGGTACGTGAGGGG 120
121 GGGGGTACTGGGGCTTATTCTCAGGTACCTGTGGGTGGGATCAGCGAGGGTACCTGAGCG 180
181 TCAAGAGCATACCCTAGTGAGCGGGCTCCTCTGGGGGGAGACCAGCGCGCTCCGGGCGCCT 240
241 GCCGGTTTGGGGGTGTCTCCTCCCGGGGCGCTATGGCGGCGCTGGCCAGTAGCCTGATCC 300
1 M A A L A S S L I R 10
301 GGCAGAAGCGGGAGGTCCGCGAGCCCGGGGGCAGCCGGCCGGTGTCGGCGCAGCGGCGCG 360
11 Q K R E V R E P G G S R P V S A Q R R V 30
361 TGTGTCCCCGCGGCACCAAGTCCCTTTGCCAGAAGCAGCTCCTCATCCTGCTGTCCAAGG 420
31 C P R G T K S L C Q K Q L L I L L S K V 50
421 TGCGACTGTGCGGGGGGCGGCCCGCGCGGCCGGACCGCGGCCCGGAGCCTCAGCTCAAAG 480
51 R L C G G R P A R P D R G P E P Q L K G 70
481 GCATCGTCACCAAACTGTTCTGCCGCCAGGGTTTCTACCTCCAGGCGAATCCCGACGGAA 540
71 I V T K L F C R Q G F Y L Q A N P D G S 90
541 GCATCCAGGGCACCCCAGAGGATACCAGCTCCTTCACCCACTTCAACCTGATCCCTGTGG 600
91 I Q G T P E D T S S F T H F N L I P V G 110
601 GCCTCCGTGTGGTCACCATCCAGAGCGCCAAGCTGGGTCACTACATGGCCATGAATGCTG 660
111 L R V V T I Q S A K L G H Y M A M N A E 130
661 AGGGACTGCTCTACAGTTCGCCGCATTTCACAGCTGAGTGTCGCTTTAAGGAGTGTGTCT 720
131 G L L Y S S P H F T A E C R F K E C V F 150
721 TTGAGAATTACTACGTCCTGTACGCCTCTGCTCTCTACCGCCAGCGTCGTTCTGGCCGGG 780
151 E N Y Y V L Y A S A L Y R Q R R S G R A 170
781 CCTGGTACCTCGGCCTGGACAAGGAGGGCCAGGTCATGAAGGGAAACCGAGTTAAGAAGA 840
171 W Y L G L D K E G Q V M K G N R V K K T 190
841 CCAAGGCAGCTGCCCACTTTCTGCCCAAGCTCCTGGAGGTGGCCATGTACCAGGAGCCTT 900
191 K A A A H F L P K L L E V A M Y Q E P S 210
901 CTCTCCACAGTGTCCCCGAGGCCTCCCCTTCCAGTCCCCCTGCCCCCTGAAATGTAGTCC 960
211 L H S V P E A S P S S P P A P * 226
961 CTGGACTGGAGGTTCCCTGCACTCCCAGTGAGCCAGCCACCACCACAACCTGTCTCCCAG 1020

Figure 1B

```
1021  TCCTGCTCTCACCCCTGCTGCCACACACATGCCCTGAGCAGCCAGGTCCCACTAGGTGCT  1080

1081  CTACCCTGAGGGAGCCTAGGGGCTGACTGTGACTTCCGAGGGTGCTGAGCACCCTTAGAT  1140

1141  CTTTGGGCCTAGGAGGGAGTCAGAGAGGGGGATGTCTGAAGATGGTCCTGGCTGATCACT  1200

1201  TCTTTCTTTCCACACTCACACAACCCCATGTCCTTTTCCTGAGATGGCGCTGGGAGTTCC  1260

1261  CACATGGACAGCCAGGGCATAAACACTTCCCACCCCGGATCAGACAGTTCCCTGGAG  1317
```

Figure 2

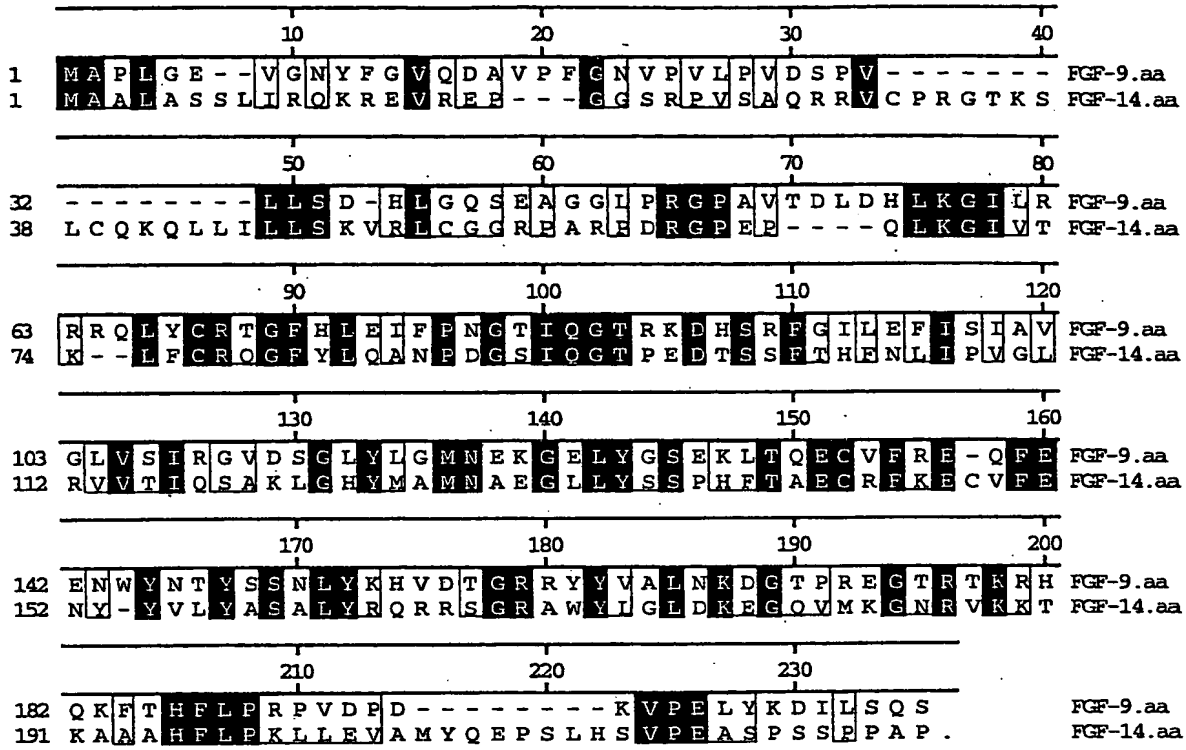
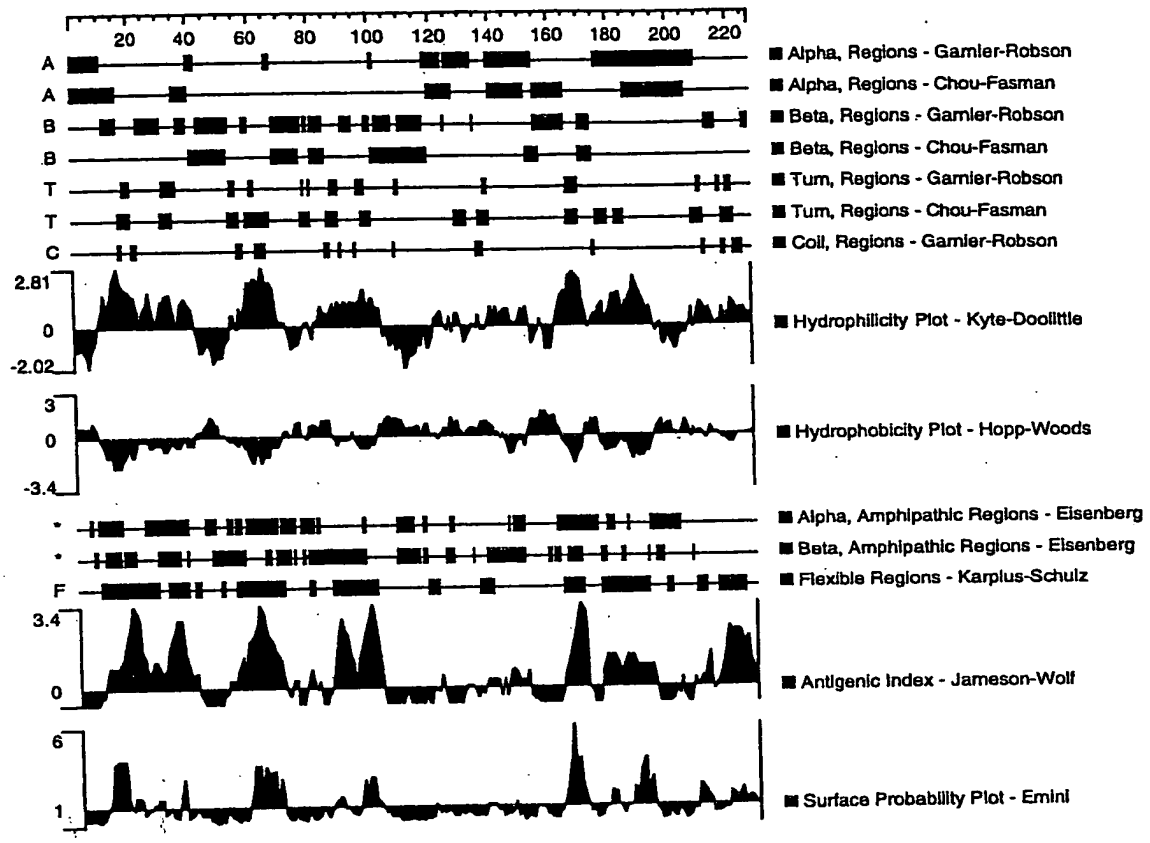

10 20 30 40
1 MAPLGE--VGNYFGVQDAVPFGNVPVLPVDSPV-------- FGF-9.aa
1 MAALASSLIRQKREVREP---GGSRPVSAQRRVCPRGTKS FGF-14.aa
50 60 70 80
32 ---------LLSD-HLGQSEAGGLPRGPAVTDLDHLKGILR FGF-9.aa
38 LCQKQLLILLSKVRLCGGRPARPDRGPEP-----QLKGIVT FGF-14.aa
90 100 110 120
63 RRQLYCRTGFHLEIFPNGTIQGTRKDHSRFGILEFISIAV FGF-9.aa
74 K--LFCRQGFYLQANPDGSIQGTPEDTSSFTHFNLIPVGL FGF-14.aa
130 140 150 160
103 GLVSIRGVDSGLYLGMNEKGELYGSEKLTQECVFRE-QFE FGF-9.aa
112 RVVTIQSAKLGHYMAMNAEGLLYSSPHFTAECRFKECVFE FGF-14.aa
170 180 190 200
142 ENWYNTYSSNLYKHVDTGRRYYVALNKDGTPREGTRTKRH FGF-9.aa
152 NY-YVLYASALYRQRRSGRAWYIGLDKEGQVMKGNRVKKT FGF-14.aa
210 220 230
182 QKFTHFLPRPVDPD---------KVPELYKDILSQS FGF-9.aa
191 KAAAHFLPKLLEVAMYQEPSLHSVPEASPSSPPAP. FGF-14.aa

Figure 3


20
40
60
80
100
120
140
160
180
200
220
A
A
B
B
T
T
C
Alpha, Regions - Gamier-Robson
Alpha, Regions - Chou-Fasman
Beta, Regions - Gamier-Robson
Beta, Regions - Chou-Fasman
Turn, Regions - Gamier-Robson
Turn, Regions - Chou-Fasman
Coil, Regions - Gamier-Robson
2.81
0
-2.02
Hydrophilicity Plot - Kyte-Doolittle
3
0
-3.4
Hydrophobicity Plot - Hopp-Woods
*
*
F
Alpha, Amphipathic Regions - Eisenberg
Beta, Amphipathic Regions - Eisenberg
Flexible Regions - Karplus-Schulz
3.4
0
Antigenic Index - Jameson-Wolf
6
1
Surface Probability Plot - Emini